Docket No.: H0498.70168US01

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Olivier J.A. Schueller et al.

Serial No.:

10/824,331

Confirmation No.:

5408

Filed:

April 14, 2004

For:

OPTICAL MODULATOR/DETECTOR BASED ON

RECONFIGURABLE DIFFRACTION GRATING

Examiner:

C. A. Simone

Art Unit:

1794

Certificate of Electronic Filing Under 37 CFR 1.8

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: May 21, 2009

Signature

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AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Varielle Calder

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Madam:

INTRODUCTORY COMMENTS

In response to the Office Action dated January 5, 2009, finally rejecting claims 52, 54-56, 62 and 63, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.